MSI

P620/ P640

User's Manual

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All contents are subject to change without notice.
One year guarantee is for the device only. Warranty for accessories shall be expired within seven days of purchase date.

廢電池請回收
For better environmental protection, waste batteries should be collected separately for recycling or special disopsal.

WEEE Statement

English: To protect the global environment and as an environmentalist, MSI must remind you that...Under the European Union ("EU") Directive on Waste Electrical and Electronic Equipment, Directive 2002/96/EC, which takes effect on August 13, 2005, products of "electrical and electronic equipment" cannot be discarded as municipal waste anymore and manufacturers of covered electronic equipment will be obligated to take back such products at the end of their useful life. MSI will comply with the product take back requirements at the end of life of MSI-branded products that are sold into the EU. You can return these products to local collection points.

Deutsch: Hinweis von MSI zur Erhaltung und Schutz unserer UmweltGemäß der Richtlinie 2002/96/EG über Elektro- und Elektronik-Altgeräte dürfen Elektro- und Elektronik-Altgeräte nicht mehr als kommunale Abfälle entsorgt werden. MSI hat europaweit verschiedene Sammel- und Recyclingunternehmen beauftragt, die in die Europäische Union in Verkehr gebrachten Produkte, am Ende seines Lebenszyklus zurückzunehmen. Bitte entsorgen Sie dieses Produkt zum gegebenen Zeitpunkt ausschliesslich an einer lokalen Altgerätesammelstelle in Ihrer Nähe.

Français: En tant qu'écologiste et afin de protéger l'environnement, MSI tient à rappeler ceci...Au sujet de la directive européenne (EU) relative aux déchets des équipement électriques et électroniques, directive 2002/96/EC, prenant effet le 13 août 2005, que les produits électriques et électroniques ne peuvent être déposés dans les décharges ou tout simplement mis à la poubelle. Les fabricants de ces équipements seront obligés de récupérer certains produits en fin de vie. MSI prendra en compte cette exigence relative au retour des produits en fin de vie au sein de la communauté européenne. Par conséquent vous pouvez retourner localement ces matériels dans les points de collecte.

Srpski: Da bi zaštitili prirodnu sredinu, i kao preduzeće koje vodi računa o okolini i prirodnoj sredini, MSI mora da vas podesti da…Po Direktivi Evropske unije ("EU") o odbačenoj ekektronskoj i električnoj opremi, Direktiva 2002/96/EC, koja stupa na snagu od 13. Avgusta 2005, proizvodi koji spadaju pod "elektronsku i električnu opremu" ne mogu više biti odbačeni kao običan otpad i proizvođači ove opreme biće prinuđeni da uzmu natrag ove proizvode na kraju njihovog uobičajenog veka trajanja. MSI će poštovati zahtev o preuzimanju ovakvih proizvoda kojima je istekao vek trajanja, koji imaju MSI oznaku i koji su prodati u EU. Ove proizvode možete vratiti na lokalnim mestima za prikupljanje.

Polski: Aby chronić nasze środowisko naturalne oraz jako firma dbająca o ekologię, MSI przypomina, że...Zgodnie z Dyrektywą Unii Europejskiej ("UE") dotyczącą odpadów produktów elektrycznych i elektronicznych (Dyrektywa 2002/96/EC), która wchodzi w życie 13 sierpnia 2005, tzw. "produkty oraz wyposażenie elektryczne i elektroniczne " nie mogą być traktowane jako śmieci komunalne, tak więc producenci tych produktów będą zobowiązani do odbierania ich w momencie gdy produkt jest wycofywany z użycia. MSI wypełni wymagania UE, przyjmując produkty (sprzedawane na terenie Unii Europejskiej) wycofywane z użycia. Produkty MSI będzie można zwracać w wyznaczonych punktach zbiorczych.

Türkçe: Çevreci özelliğiyle bilinen MSI dünyada çevreyi korumak için hatırlatır:Avrupa Birliği (AB) Kararnamesi Elektrik ve Elektronik Malzeme Atığı, 2002/96/EC Kararnamesi altında 13 Ağustos 2005 tarihinden itibaren geçerli olmak üzere, elektrikli ve elektronik malzemeler diğer atıklar gibi çöpe atılamayacak ve bu elektonik cihazların üreticileri, cihazların kullanım süreleri bittikten sonra ürünleri geri toplamakla yükümlü olacaktır. Avrupa Birliği'ne satılan MSI markalı ürünlerin kullanım süreleri bittiğinde MSI ürünlerin geri alınması isteği ile işbirliği içerisinde olacaktır. Ürünlerinizi yerel toplama noktalarına bırakabilirsiniz.

Česky: Záleží nám na ochraně životního prostředí - společnost MSI upozorňuje...Podle směrnice Evropské unie ("EU") o likvidaci elektrických a elektronických výrobků 2002/96/EC platné od 13. srpna 2005 je zakázáno likvidovat "elektrické a elektronické výrobky" v běžném komunálním odpadu a výrobci elektronických výrobků, na které se tato směrnice vztahuje, budou povinni odebírat takové výrobky zpět po skončení jejich životnosti. Společnost MSI splní požadavky na odebírání výrobků značky MSI, prodávaných v zemích EU, po skončení jejich životnosti. Tyto výrobky můžete odevzdat v místních sběrnách.

Magyar: Annak érdekében, hogy környezetünket megvédjük, illetve környezetvédőként fellépve az MSI emlékezteti Önt, hogy ...Az Európai Unió („EU") 2005. augusztus 13-án hatályba lépő, az elektromos és elektronikus berendezések hulladékairól szóló 2002/96/EK irányelve szerint az elektromos és elektronikus berendezések többé nem kezelhetőek lakossági hulladékként, és az ilyen elektronikus berendezések gyártói kötelessé válnak az ilyen termékek visszavételére azok hasznos élettartama végén. Az MSI betartja a termékvisszavétellel kapcsolatos követelményeket az MSI márkanév alatt az EU-n belül értékesített termékek esetében, azok élettartamának végén. Az ilyen termékeket a legközelebbi gyűjtőhelyre viheti.

Italiano: Per proteggere l'ambiente, MSI, da sempre amica della natura, ti ricorda che….In base alla Direttiva dell'Unione Europea (EU) sullo Smaltimento dei Materiali Elettrici ed Elettronici, Direttiva 2002/96/EC in vigore dal 13 Agosto 2005, prodotti appartenenti alla categoria dei Materiali Elettrici ed Elettronici non possono più essere eliminati come rifiuti municipali: i produttori di detti materiali saranno obbligati a ritirare ogni prodotto alla fine del suo ciclo di vita. MSI si adeguerà a tale Direttiva ritirando tutti i prodotti marchiati MSI che sono stati venduti all'interno dell'Unione Europea alla fine del loro ciclo di vita. È possibile portare i prodotti nel più vicino punto di raccolta.

Русский: Компания MSI предпринимает активные действия по защите окружающей среды, поэтому напоминаем вам, что.... В соответствии с директивой Европейского Союза (ЕС) по предотвращению загрязнения окружающей среды использованным электрическим и электронным оборудованием (директива WEEE 2002/96/EC), вступающей в силу 13 августа 2005 года, изделия, относящиеся к электрическому и электронному оборудованию, не могут рассматриваться как бытовой мусор, поэтому производители вышеперечисленного электронного оборудования обязаны принимать его для переработки по окончании срока службы. MSI обязуется соблюдать требования по приему продукции, проданной под маркой MSI на территории ЕС, в переработку по окончании срока службы. Вы можете вернуть эти изделия в специализированные пункты приема.

Español: MSI como empresa comprometida con la protección del medio ambiente, recomienda: Bajo la directiva 2002/96/EC de la Unión Europea en materia de desechos y/o equipos electrónicos, con fecha de rigor desde el 13 de agosto de 2005, los productos clasificados como "eléctricos y equipos electrónicos" no pueden ser depositados en los contenedores habituales de su municipio, los fabricantes de equipos electrónicos, están obligados a hacerse cargo de dichos productos al termino de su período de vida. MSI estará comprometido con los términos de recogida de sus productos vendidos en la Unión Europea al final de su periodo de vida. Usted debe depositar estos productos en el punto limpio establecido por el ayuntamiento de su localidad o entregar a una empresa autorizada para la recogida de estos residuos.

Nederlands: Om het milieu te beschermen, wil MSI u eraan herinneren dat….De richtlijn van de Europese Unie (EU) met betrekking tot Vervuiling van Electrische en Electronische producten (2002/96/EC), die op 13 Augustus 2005 in zal gaan kunnen niet meer beschouwd worden als vervuiling. Fabrikanten van dit soort producten worden verplicht om producten retour te nemen aan het eind van hun levenscyclus. MSI zal overeenkomstig de richtlijn handelen voor de producten die de merknaam MSI dragen en verkocht zijn in de EU. Deze goederen kunnen geretourneerd worden op lokale inzamelingspunten.

How to Use This Manual

This User's Manual provides instructions and illustrations on how to install and operate your **P620/ P640**. We assume that your operating system is at least Windows ME / 2000 / XP, and you are capable to follow the step-by-step instructions to install the utility of **P620/ P640**. For users who are not able to manage the OS properly, it is suggested to learn more about Microsoft Windows by referring to your Microsoft Windows manual before installing the provided utility.

Chapter 1, **Introduction**, tells you the main features of **P620/ P640** and lists the accessories should be found in the package.

Chapter 2, **Getting Started**, introduces the function keys on **P620/ P640**, and shows the LCD Display status in different mode.

Chapter 3, **Utility Installation**, describes how to install **P620/ P640** and the specially designed utility for your new **P620/ P640**.

Chapter 4, **Basic Usage**, describes how to use each function of **P620/ P640**. It is recommended to read this chapter carefully before using **P620/ P640**.

Appendix A, **Specification**, provides the specification and accessories of **P620/ P640**.

Safety Instructions

1. Always read the safety instructions carefully.
2. Keep this User's Manual for future reference.
3. Keep this equipment away from humidity.
4. Never pour any liquid into the opening that could damage or cause electrical shock.
5. If any of the following situations arise, get the equipment checked by a service personnel:
   - Liquid has penetrated into the equipment.
   - The equipment has been exposed to moisture.
   - The equipment has not worked well or you can not get it work according to User's Manual.
   - The equipment has been dropped and damaged.
6. Do not change the default folders in the **P620/ P640**, or the device might function abnormally.
7. Adjust to proper volume while listening with earphone to avoid permanent harm to hearing capability.
8. If **P620/ 640** does not response for several minutes, press ⏯ for about 10 seconds to force shut down.
9. Make sure to disconnect **P620/ 640** from computer with Safely Remove procedures, or the system might be failure.

Chapter 1. Introduction

Congratulations on becoming a new user of **P620/ P640**. The new **P620/ P640** will improve the convenience of listening music, viewing photos/ videos, and sharing data. We are proud to tell our users that **P620/ P640** is thoroughly tested and certified by our reputation for unsurpassed dependability and customer satisfaction.

P620/ P640 is a high performance portable multimedia player that enables users to play MP3/ WMA/ WMA with DRM audio, M-JPEG video, JPEG graphic, listen to FM radio broadcast (optional), record voice/ Line-in/ FM program (optional), and to store personal data. Here are the major features:

- **Digital Audio Player** – supports MP3, WMA and WMA with DRM audio.
- **Video Player** – supports M-JPEG format and smaller 320x240 pixels video.
- **Photo Browser** – supports JPEG graphics and provides slideshow function.
- **FM Radio** (optional) – with the optional FM module, **P620/ P640** supports FM Radio function.
- **TXT File Reader** – supports TXT and LRC Unicode files.
- **Voice Recorder** – provides synchronous voice recording function.
- **Record Voice/ FM Radio** (optional) – provides synchronous recording function from FM or directly from a CD player. Recorded files will be stored in MP3 or WAV format.
- **A-B Section Repeat** – enables users to repeat particular section during normal playback. With this function, users can pay attention on the repeated playback to learn language.
- **EQ and SRS effect** – you are able to select SRS effect or one of EQ modes to enjoy your music listening.
- **USB Storage Device** – allows users to store data needed in **P620/ P640**. (The capacity depends on the model you bought.)

- **Hold Switch – P620/ P640** has a Hold Switch, which locates on the side for preventing any accidental operation while recording or playing. Once the Hold Switch is slided to lock position, all function keys on are disabled instantly.

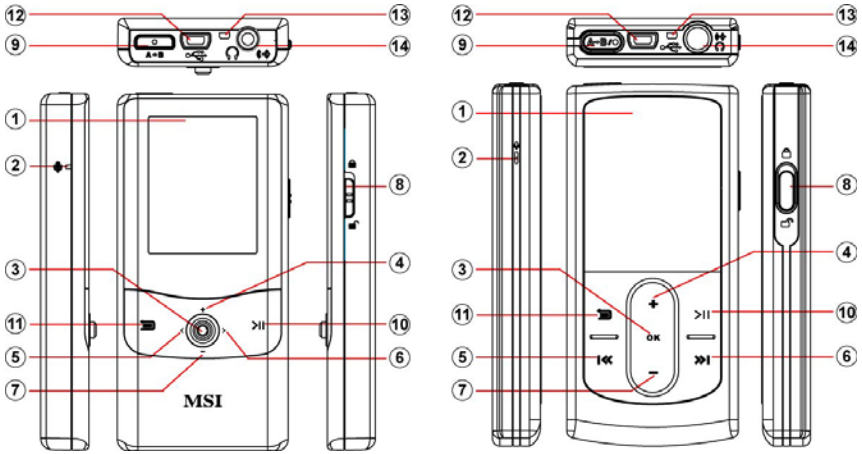
Unpack

Please check if you have all the accessories included when you open the packing box. If any of the items are damaged or missing, please contact directly the vendor where you purchased **P620/ P640**.

- Earphone
- USB Cable (A male to mini B male)
- Line-In Cable
- Utility CD (User's Manual included)
- Quick Starting Guide
- Power Adaptor (optional accessory)

Chapter 2. Getting Started

Overview



1. **Display Screen** Read status and information at this window.
2. **MIC** Internal Microphone.
3. **OK/ Enter** Press it to confirm item selection.
4. **Up** Press it to select among items.
   Volume Up During playback, press it to increase volume level.
5. **Left** Press it to select among options.
   Previous/Rewind During playback, press it to go the previous track, or press and hold to rewind within a track.
6. **Right** Press it to select among options.
   Next/Forward During playback, press it to go to the next track. Press and hold to fast-forward within a track.
7. **Down** Press it to select among items.
   Volume Down During playback, press it to decrease volume level.
8. **Lock** Switch to Lock position to prevent any mis-touch. Switch back to unlock.
9. **Record** Press this button to start/ stop recording (not available in

playback mode).

Repeat A->B Press it to activate A-B repeat function during playing.

10. **Play/Pause** Press it to play selected track. While playing press it to pause and press again to resume playback.

Power When it is off, press it once to power on; when it is on, press it for 2 seconds to power off.

11. **Exit/** Press it to exit to higher level menu.

Submenu Hold it for two seconds to display available options.

12. **USB Connecter** Connect one end of the supplied USB extension cable here to read data on PC, or to be USB Host.

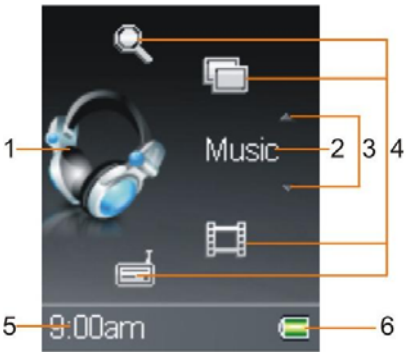
13. **Strap Hole** Tie the Strap here.

14. **Earphone Jack** Plug the supplied earphone here.

Line-In Jack Insert Line-in cable for line-in recording.

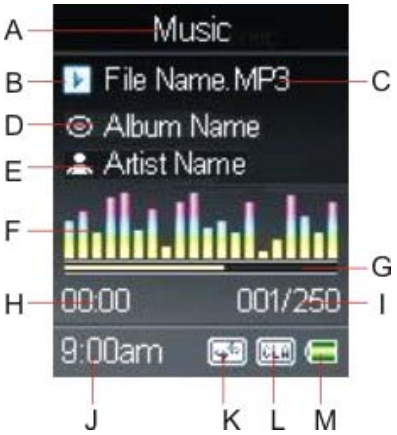
LCD Display

Main Menu



1. **Function Icon** Shows icon of the function.
2. **Function Name** Shows name of the function.
3. **Scroll** Press up/ down key to select other function.
4. **Function Icon** Shows icons of the other functions.
5. **Clock** Shows the time (adjustment required).
6. **Battery Status** Shows the status of the battery capacity.

Normal Playback Mode



A.	**Function**	Displays current function.
B.	**Play/Pause**	Displays music or recording files playback status.
C.	**Track Name**	Displays name of selected track.
D.	**Album Name**	Displays album name of the track (info edited required).
E.	**Artist Name**	Displays name of the singer or the player (info edited required).
F.	**Equalizer**	Shows the equalizer bar of current playback.
G.	**Playback Time Bar**	Shows the playback progress.
H.	**Track Timer**	Displays the on-going timer of the current playback file.
I.	**Track Number**	Display the current track number and the total number of sound tracks.
J.	**Clock**	Displays current time (adjustment required).
K.	**Repeat/**	Indicates the Repeat Mode selected.
	A-B	Shows when A to B Section Repeat function is enabled.
L.	**EQ/SRS**	Indicates SRS status or EQ mode settings that include Normal, Classical, POP, Rock, and Jazz.
M.	**Battery**	Indicates the Battery Status.

Li-ion Battery Recharge

P620/ P640 comes with a Li-ion rechargeable battery. To charge the Li-ion battery, follow the instructions below:

1. On the upper side of **P620/ P640**, you could see a USB (B type, female) port.
2. Do not turn on **P620/ P640**. Plug mini USB (B type, male) end of supplied USB cable to **P620/ P640**, and USB (A type, male) end to your computer.
3. While recharging is on going, you would see icon on the display. When the battery is full of power, you would see icon. The built-in battery can be 80-percent charged in about three hours, and fully charged in about five hours.
4. If you have an optional AC Adapter, connect the USB (A type, male) end to it, and connect the adapter to an AC outlet to charge. By this way, the charging duration would be shorter.
5. To stop recharging, refer to next chapter to safely disconnect the USB cable.

Note: The built-in battery can only be charged by the optional adapter or the USB cable. Charge the player for 8 hours before first time operation.

Note: You are able to operate P620/ P640 during charging with the optional adapter. Only the charging time will be longer.

Battery Status

P620/ P640 comes with a Li-ion rechargeable battery. Refer to the figure above to know the battery status. Charge the battery when necessary.

Note: Before using for the first time, it is recommended to charge exact eight hours for a full battery charge.

Note: Do not separately recharge, disassemble, incinerate, or expose the battery to high temperature. Examples of high temperatures that may damage your product include leaving it in a locked car in summer, or putting it on top of heat generating electronical devices (Such as power amplifiers and computer monitors.)

Lock Switch

P620/ P640 has a **Lock Switch** to avoid accidental operation. Slide it to lock position while power is on, and all function keys are disabled. Slide it to unlock to continue. If the switch is at lock position, **P620/ P640** can not be turned on. Unlock it to continue.

Utility CD

P620/ P640 package includes a Utility CD. Insert the supplied CD into your CD-ROM, and the CD will auto run Setup program. On computer screen, you will see the display shown as below. Click on each icon to execute respective function.

- **Manual**

  This PDF document is packed in the CD, click on the button to read **P620/ P640** User Manual.

- **Adobe Acrobat Reader**

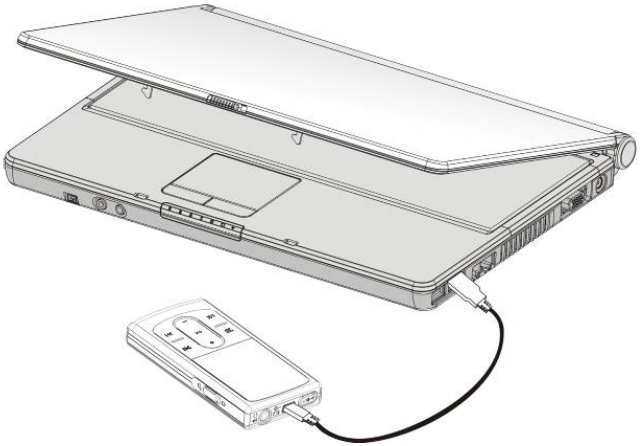
  Adobe Acrobat Reader is a free software for viewing and printing Portable Document Format (PDF) files. To read **P620/ P640** User Manual, you also have to install the Adobe Acrobat Reader.

Chapter 3. Connect and Disconnect

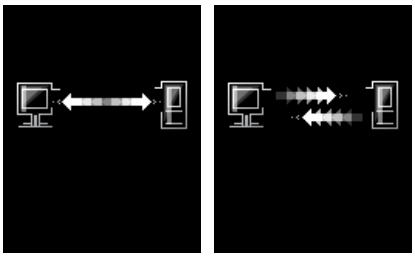
Connect to Computer

Note: If the Windows Media Player on your computer is below version 10, upgrade it via Internet beforehand, to help system recognize P620/ P640 in MTP mode.

1. On the upper side of **P620/ P640**, you could see a USB (B type, female) port.
2. Plug mini USB (B type, male) end of supplied USB cable to **P620/ P640**, and plug USB (A type, male) end to your computer. Then turn on **P620/ P640**.



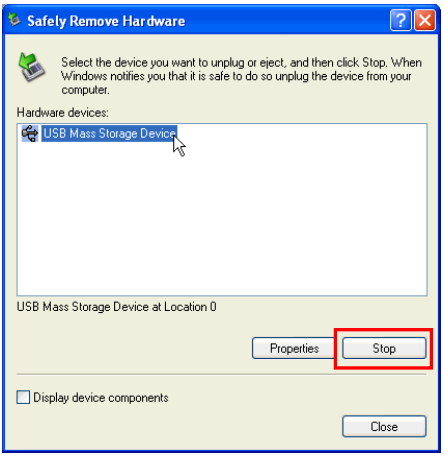
3. Once **P620/ P640** is connected, press ⏯ button once, it should be detected by computer. Then you can manage files within or copy files from the computer.
4. You would see below figures during connection. The left one means **P620/ P640** is connected to computer, and the right one means **P620/ P640** is under reading and writing processes.



Safely Remove from Computer

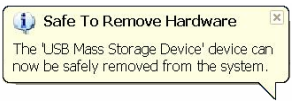
After updating firmware or managing the files by PC, follow the steps to safely remove **P620/ P640** to prevent system or device corrupt:

1. While an USB device is connecting to a computer, there will be an icon on the task bar. Double click the icon to bring Safely Remove Hardware dialog box. You can find all devices connected on the display. To remove **P620/ P640**, close all the programs related, and click **USB Mass Storage Device** and **Stop** button.



2. As you see a window as below, select **USB Mass Storage Device** and click **OK**.

3. Following message shall appear, and you can remove the device now.



Note: make sure to disconnect P620/ 640 from computer with Safely Remove procedures, or the system might be failure.

Chapter 4. Basic Usage

This chapter introduces you the basic usages of **P620/ P640**. Please read carefully to know how to operate your device. ***Note that the figures below are for reference only.***

Power On

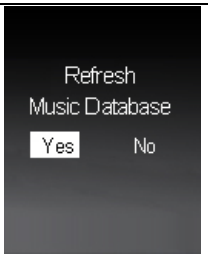
Before operation, you have to turn on the device first. Follow the steps below to turn on **P620/ P640**.

1. Press Play/ Pause button ⏯ once.
2. The screen will display the Start Logo.
3. Then you will see the Main Menu on the screen, the device is ready to function.

Note: if P620/ P640 can not be turned on, please check the Lock switch and battery capacity.

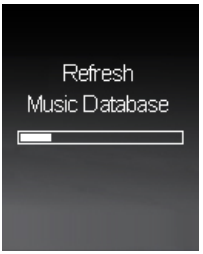
Refresh Music Database

If the transfer mode has been set to be MSD, the display of **P620/ P640** will show "Refresh Music Database" message once power on after disconnecting from computer. Select **Yes** and confirm to refresh the music database for sorting the music files by latest management.



1. Seeing the message on display, means the Transfer Mode of **P620/ P640** is set to MSD, and **P620/ P640** has been disconnected from computer and restarted.
2. Use right/ left Key to select **Yes** or **No** option and press OK key to confirm.

Note: refresh the music database if you have made any changes to the music files, then the system can sort the music files correctly.



3. You would see second figure. Database will be refreshed after the progress bar is filled and the figure disappears.

Power Off

Once the device is turned on, you can turn it off in any mode. Follow the steps below to turn off your **P620/ P640**.

1. In any modes, press ⏯ button for about 2 seconds.
2. The screen will display the Power Off Logo.
3. Then the screen will be all dark, the device is turned off.

Note: if P620/ P640 does not response for several minutes, press ⏯ for about 10 seconds to force shut down.

Select and Enter a Function

P620/ P640 supports multi-function, follow steps below to operate.

1. On Main Menu, press + or − button to select a function. The function icon shows at left side.
2. Stop at the function needed, and press OK key to enter the function.
3. Then you see the submenu of selected function.

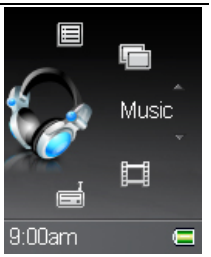
Music

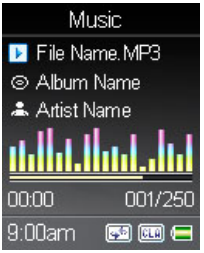
Music Playback

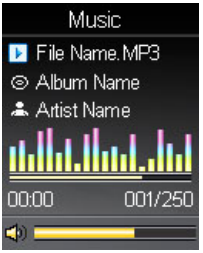
P620/ P640 supports MP3, WAV, WMA and WMA format with DRM audio. Follow the steps below to enjoy music.

1. To play music/ voice, select and enter the **Music** option on Main Menu.
2. Then press + or − button to select how you want to sort the music files.
   - Select All List to play all music files stored.
   - Select Artist to select all songs of an artist.
   - Select Album to select an album to play.
   - Select Record to play files recorded by the device.
   - Select Playlist to play songs by playlist edited.
3. Select a music file or select a Playlist, and press OK key to play.
4. While playing, press ‹ / › button continuously to rewind / fast-forward the track; press ‹ once to go to beginning of the track; press › once to go to the next track.
5. Press + key to increase volume level, or press − key to decrease. Volume bar will show at the bottom of display.

Note: refer to Synchronize Songs section to synchronize music to make sure all MP3 info is imported correctly.



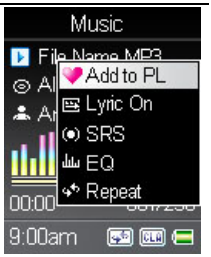


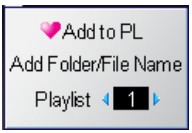


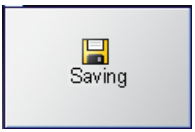
Add Songs to Playlist

In **P620/ P640**, you can edit personal playlist to include your favorite songs. Follow the steps below.

1. In playback mode or on Music file list, press button for 2 seconds to call submenu.
2. Select the **Add to PL** item and press OK key to activate.
3. Press ‹ or › button to select a Playlist number where you want to add the song to.
4. Press OK key to save, and you will see “Saving” message.
5. Repeat steps 1-4 to add more songs to the playlist if needed.



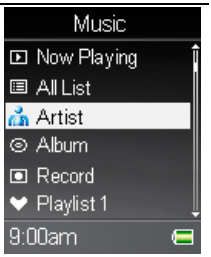




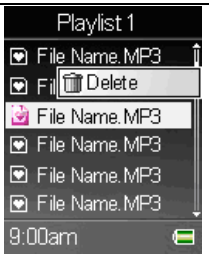
Add Artist/ Album/ Line In/ Radio/ Voice to Playlist

You can also add Artist, Album, Line In, and Radio, Voice of Record to playlist.

1. Select **Artist** on Music file list and press OK key to Enter
2. Select an artist and press button for 2 seconds to call submenu.
3. Select the **Add to PL** item and press OK key to activate.
4. Press ‹ or › button to select a Playlist number by your need.
5. Press OK key to save, and you will see “Saving” message.
6. Repeat steps 1-4 to add more artists to playlist if needed.
7. By the same way, you can add album, line-in, radio, and voice to playlist.



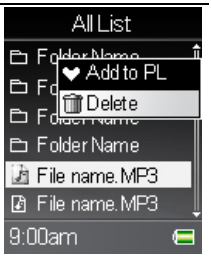
Remove a Song from Playlist

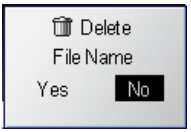


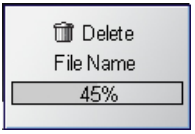
1. Select and enter the **Music** item in Main Menu.
2. Select the Playlist you want edit**.**
3. Use + or − button to select a song to delete, and press button for 2 seconds to call submenu.
4. Select Delete in the submenu and press OK key to delete selected song from playlist.

Note: the song still remains in the device, only be removed from playlist.

Delete a Song from Device





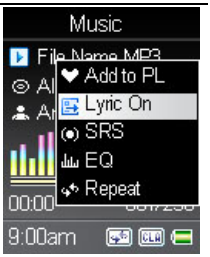


1. Select and enter the **Music** item in Main Menu.
2. Select the folder where the song locates**.**
3. Use + or − key to select a song to delete, and press button for 2 seconds to call submenu.
4. Select Delete in the submenu and press OK key to activate.
5. A confirm box will show up, select Yes or No by ‹ or › button, then press OK key to confirm.
6. You will see delete percentage on the screen. And after the percentage goes to 100%, “Delete Finish!” message also shows.

Lyric Function On/ Off

P620/ P640 supports lyric display. If you stored songs with lyric files, you can turn on the lyric to read lyric by the steps below.

1. In playback mode, call submenu.
2. Select the **Lyric On** item and press OK key to confirm. **(**if lyric function is already on, you will see Lyric Off**)**
3. To turn off the function, choose **Lyric Off** option.



SRS WOW Enhancement Effect

P620/ P640 supports SRS WOW effect. WOW is a special combination of SRS audio technologies that creates a thrilling experience with deep rich bass from sound source.

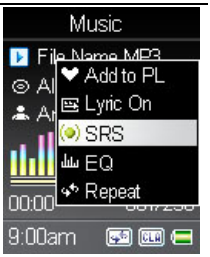
Note that when SRS is enabled, the EQ settings will be disabled at the same time.

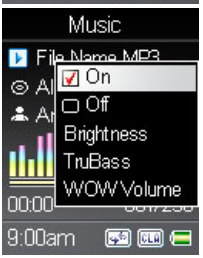
1. In playback mode, call submenu.
2. Select and enter the **SRS** option**.**

Note: The ***mark is a trademark of SRS Labs, Inc. WOW technology is incorporated under license from SRS Labs, Inc.***

3. Select On to enable the SRS (WOW) effect. Select Off to disable the SRS (WOW) effect.
4. Also you can select other sound effects Field Brightness, TruBass, or WOW Volume, and adjust the values.

- Brightness: indicates the SRS effect brightness.
- TruBass: TruBass is a patented SRS technology that enhances bass performance and delivers the perception of deep rich bass.
- WOW Volume: indicates the WOW effect volume.



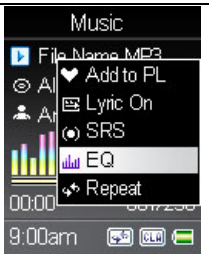


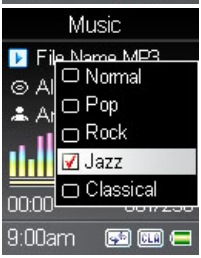
Set EQ

P620/ P640 provides various **EQ** modes, such as **POP**, **Rock**, **Jazz,** and **Classical**. You can choose as following steps to increase the enjoyment of listening to music and to meet your personal needs.

1. In playback mode, call submenu.
2. Select and enter **EQ** item**.**
3. Use **Up** or **Down** key to select Normal, POP, Rock, Jazz or Classical, then press OK key to confirm.

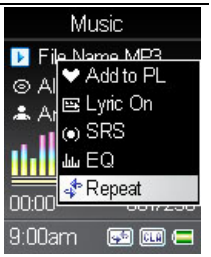
Note: Once EQ is enabled, the SRS(WOW) settings will be disabled at the same time.





Set Repeat Mode

1. In playback mode, call submenu.
2. Select the **Repeat** item**.**
3. Select one option below in **Repeat** mode submenu.
   a. **Normal**: Play selected tracks in sequence.
   b. **Repeat One**: Repeat the current track.
   c. **Repeat All:** Repeat all selected tracks.
   d. **Shuffle:** Play all selected tracks in random order, for one time.
   e. **Shuffle REP**: Plays and repeats all selected tracks in random order.



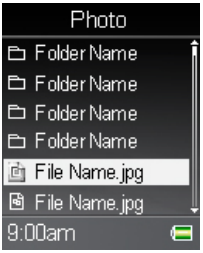
Photo

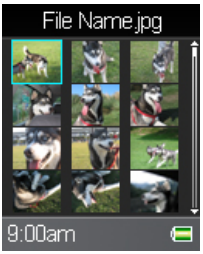
P620/ P640 supports JPEG graphics (up to 8 mega pixels) and provides slideshow function.

View Photo

1. To view photos stored on **P620/ P640**, select **Photo** option on Main Menu and press OK key to enter the photo function.
2. Select and press OK key on a file to view, then thumbnails of stored first 12 photos will show on display. (Select and enter a folder where the photo belongs first if necessary.)
3. Use Up or Down key to select a thumbnail, then press OK key to view the photo in full screen.
4. After one photo is selected to view in full screen, you can view it on the display. You can see there are left and right arrows at the bottom of the photo. Press left key to view the previous photo, or press right arrow to view the next one.

Note: If you want to delete photos in the file list, please refer to "Music - Delete a Song from Device" section.

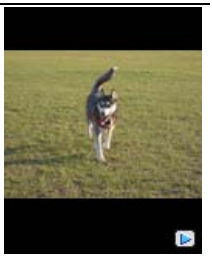




Slideshow

You can have the JPEG files slideshow on **P620/ P640**.

1. While viewing one photo, press ›II button to start slideshow. There will be a icon at the bottom right corner of the display.
2. To stop slideshow, press ›II button again. And there will be a icon at the bottom right corner of the display.



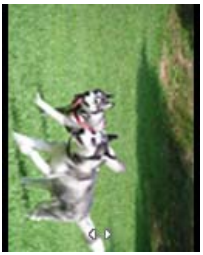
Note: You can set how long each image to be displayed, refer to Setting - Slide Interval.

Note: You can also set to have photos slideshow after performing rotation when necessary. Simply press OK key will do.

Rotate Photo

You can rotate photos to suit the display for viewing clearly when necessary.

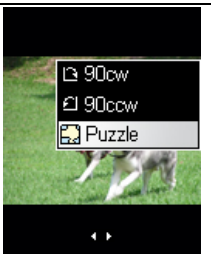
1. To rotate one photo, call submenu while viewing it. Select **90cw** or **90ccw** option and press OK key to rotate the photo 90 degrees by clockwise or by counter-clockwise. The photo will rotate and show on the display.
2. Select **90cw** or **90ccw** again to rotate again or to restore the photo.



Puzzle

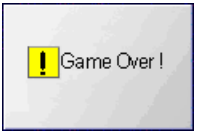
You can play puzzle with the stored photo.

1. While viewing one photo, call submenu. Select **Puzzle** option and press OK key. The photo will be cut in pieces, one piece will be cut down as a black box, and the others will be moved and placed in wrong order.



2. Use up/ down/ left/ right keys to move the pieces near the black box and have the photo restored. Ex: press up key to bring the piece below the box upwards; press right key to move the piece at the left of the box to right. (Quit by press button once. Hold button can rewind the steps.)

3. You have at most 500 steps to move. After all pieces are replaced in order, the black box will also appear. And you will see "**Finish!**" message on the display. Or, if you can not restore the photo in 500 steps, you will see "**Game Over!**" on the display.



Video

Play Video

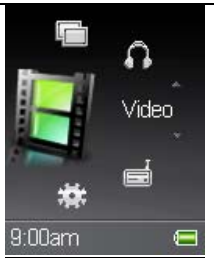
P620/ P640 supports M-JPEG format (the .mov and M-JPEG .avi files).

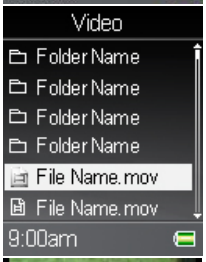
1. To play video files stored on **P620/ P640**, select **Video** option on Main Menu and press OK key to enter the video function.
2. Select a video file on the file list and press OK key to play the selected file. (Select and enter a folder where the video locates first if necessary.)
3. Press ⏯ button to pause or resume the video playback.

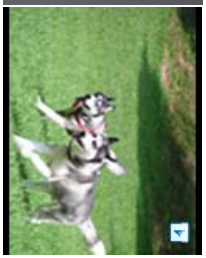
Note: Video will be played broadwise to fit the screen and to have better view.

Note: If you want to delete video in the file list, please refer to "Music - Delete a Song from Device" section.

Note: If your video file is not .mov or .avi (M-JPEG) format, you have to transfer it into playable format. You can find video converter program such as Quick Time Pro on the Internet.







Notes

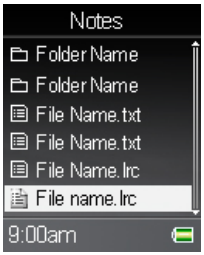
Read *.txt File

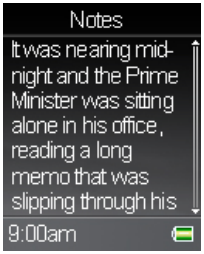
P620/ P640 supports reading .txt and .lrc Unicode files.

1. To read text files stored on **P620/ P640**, select **Notes** option on Main Menu and press OK key to enter the Notes function.
2. Select a text file on the file list and press OK key to read it. (Select and enter a folder where the video belongs first if necessary.)
3. Press **+** or **−** key to read the complete text.

Note: If you want to delete text files on the file list, please refer to "Music - Delete a Song from Device" section.

Note: The Unicode text files can be read on P620/ P640 correctly. Open the text files on computer, select "Save as…" and choose Code to be Unicode, then press Save button. And then you can copy the file to and read from P620/ P640.





FM Radio (Optional)

Listen to FM Ratio

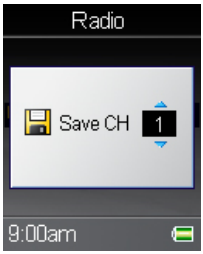
FM radio function is optional for **P620/ P640**. If you purchased one with FM function, follow steps below to enjoy FM radio.

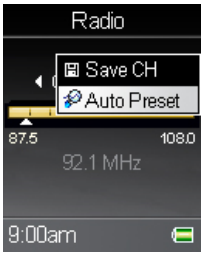
1. To listen to the FM radio broadcast by **P620/ P640**, select the **Radio** option on Main Menu and press OK key to enter. (Also, the earphones have to be plugged, they are the antenna of **P620/ P640**)
2. In the very first time performing FM function, you will see “Searching…” message on the display. The system will search for stations available and set as default channels.
3. Then you can press OK key to switch between the channel option and frequency. When channel option is highlighted with left and right arrows, press left or right arrow to select a channel preset.
4. When radio frequency bar is highlighted with left and right arrows, press the left or right key to adjust the frequency you want. You can hold the keys to adjust faster.

Customize Channels/ Auto-Scan

You can also set channels at your preference. And if you go to different region, you can perform Auto Preset to scan available stations.

1. Adjust the frequency to the station you need, call submenu, and select **Save CH** option.
2. Press up or down key to select a channel number from 1 to 15, and press OK key to confirm saving the frequency to the station selected.
3. To automatically scan and save radio stations again, call submenu, and select **Auto Preset** option. You will see "Searching…" message on display. After the message disappears, new stations will be saved to the device. And you can select and listen to one of them.





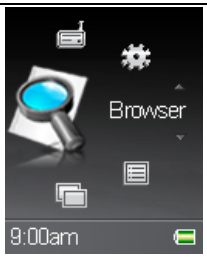
Browser

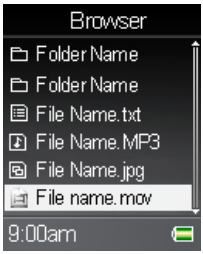
P620/ P640 provides an easy access to file management. The file browser can open and arrange files stored on built-in hard disk.

Browse Contents

In Browser, you can open video, music, photo, note files which are readable by each function page.

1. Select **Browser** option on Main Menu and press OK key to enter.
2. Select the file you want to browse and press OK key to open selected file. (Select and enter a folder where the file locates first if necessary.)
3. Then you can watch the video, view the photo, listen to the music, or read the note depends on which sort of file it is. And you can also operate the function, such as rewind the video, pause the music, puzzle the photo, and etc.





Setting

Enter Setting Menu, you can adjust all the options and allow **P620/ P640** to meet your needs.

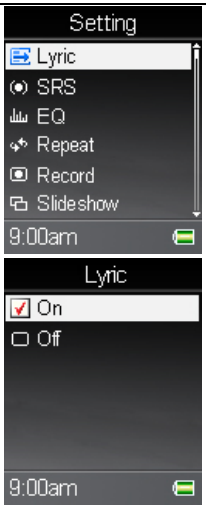
1. Select **Setting** option on Main Menu and press OK key to enter.

Lyric On/ Off

P620/ P640 supports lyric display. If you store songs with lyric files, you can turn on the lyric to read lyric by the steps below.

1. Select **Setting** option on Main Menu and press OK key to enter.
2. Select **Lyric** on the sub menu and press OK key to enter.
3. Select **On** and press OK key to confirm.
4. To turn off the function, choose **Off** option.

Note: Before you can see the lyric, you have to add it to each MP3. You can download it, write it yourself, use peculiar programs, or plug-ins of Winamp to edit it.

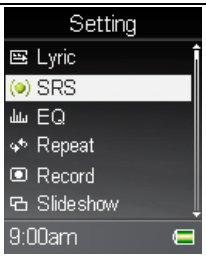


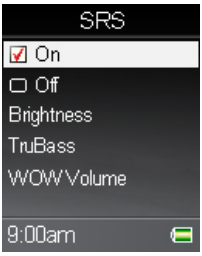
SRS

P620/ P640 supports SRS effect. WOW is a special combination of SRS audio technologies that creates a thrilling experience with deep rich bass from sound source.

Note that when SRS is enabled, the EQ settings will be disabled at the same time.

1. Select **Setting** option on Main Menu and press OK key to enter.
2. Select **SRS** on the sub menu and press OK key to enter.
3. Select **On** and press OK key to confirm.
4. To turn off the effect, choose **Off** option.
5. Also you can select the other sound effects Field Brightness, TruBass, or WOW Volume, and adjust the values. Select and enter those three options, you can see a status bar, adjust the value by left and right key, then press OK key to confirm.
   - Brightness: indicates the SRS effect brightness.
   - TruBass: TruBass is a patented SRS technology that enhances bass performance and delivers the perception of deep rich bass.
   - WOW Volume: indicates the WOW effect volume.

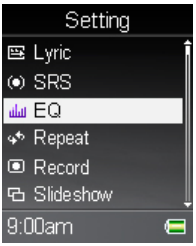


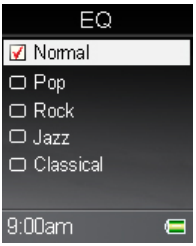


Set EQ

P620/ P640 provides **POP**, **Rock**, **Jazz,** and **Classical EQ** modes. ***Note: Once EQ is enabled, SRS settings will be disabled at the same time.***

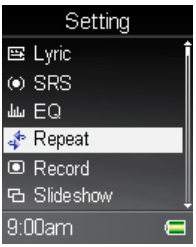
1. Select **Setting** option on Main Menu and press OK key to enter.
2. Select and enter **EQ** item**.**
3. Use **+** or **−** key to select Normal, POP, Rock, Jazz or Classical, then press OK key to confirm.

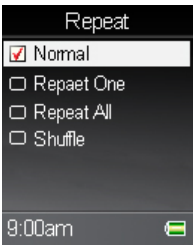




Set Repeat Mode

1. Select **Setting** option on Main Menu and press OK key to enter.
2. Select the **Repeat** item**.**
3. Select one option below in **Repeat** mode submenu, then press OK key to confirm.
   a. **Normal**: Play selected tracks in sequence.
   b. **Repeat One**: Repeat the current track.
   c. **Repeat All:** Repeat all selected tracks.
   d. **Shuffle:** Play all selected tracks in random order, for one time.
   e. **Shuffle REP**: Plays and repeat all selected tracks in random order.





Record Quality/ File Type/ Source

1. Select **Setting** option on Main Menu and press OK key to enter.
2. Select and enter **Record** option.
3. Select and enter the **Quality** item.
4. Select one of the options by your needs.
5. You can set the record file type to be MP3 or WAV by selecting the options in File Type, then press OK key to confirm.

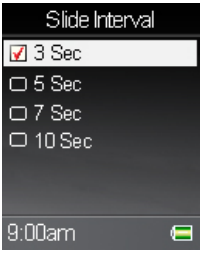
Note: WAV files usually have the quality close to original, while MP3 files usually cost less capacity.

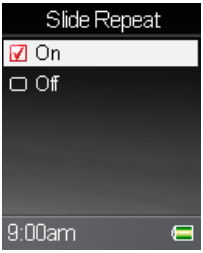
6. And you can set the record source to be Mic or Line-in by selecting the options in Source.
   - Select Mic to record voice by the built-in microphone
   - Select Line-in, you can record audio from external device connected to the Line-in (Earphones) Jack.

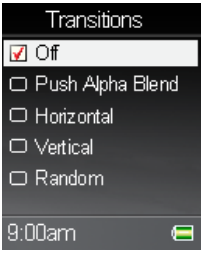
Slide Interval/ Slide Repeat/ Transitions

You can set how long each image is displayed.

1. Select and enter **Setting** item in Main Menu.
2. Select and enter **Slide Interval** item.
3. Select one from the options to meet your needs.
4. Press button once to go back to upper level. Select and enter **Slide Repeat** item.
5. Select On or Off and press OK key to set if repeat the slideshow.
6. Press button once to go back to upper level. Select and enter **Transitions** item. Select an option, then press OK key to confirm.
   - Off: shows no transition effect.
   - Random: shows Push Alpha Blend/ Horizontal / Vertical effect by haphazard.
   - Push Alpha Blend: change to another photo by fade in and fade out effect.
   - Horizontal: change to another photo by horizontal curtain effect.
   - Vertical: change to another photo by vertical curtain effect.







Radio Region

Due to the Radio in Japan is different from the other regions in the world, set **Radio Region** to Japan first to enable listening to FM radio if you were in Japan,.

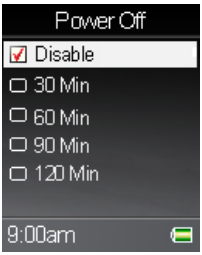
1. Select the **Setting** item in Main Menu.
2. Select the **Radio Region** item.
3. Select Japan if you were in Japan. Or, select World, then press OK key to confirm.

Power Off

You can set the timer under **Power Off** setting to turn off **P620/ P640** automatically. After the selected period, **P620/ P640** will stop playing and be off.

1. Select the **Setting** item in Main Menu.
2. Select the **Power Off** item.
3. Select one from the options to meet your needs, then press OK key to confirm.

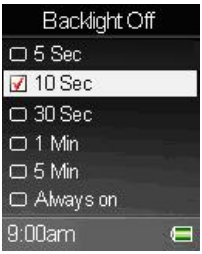
Note: if P620/ P640 idles for 5 minutes, it will also shut down automatically.



Backlight Off

Backlight timer program can save the power. After having been idle for selected period, the device will cease backlight. Press any button to have backlight on.

1. Select the **Setting** item in Main Menu.
2. Select the **Backlight Off** item.
3. Select one from the options to meet your needs, then press OK key to confirm.



Brightness

1. Select the **Setting** item in Main Menu.
2. Select the **Brightness** item.
3. Adjust the brightness setting, then press OK key to confirm.

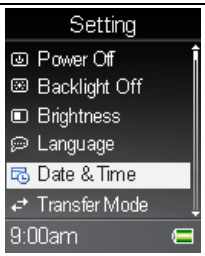
Language

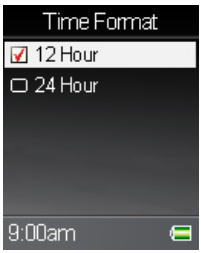
1. Select the **Setting** item in Main Menu.
2. Select the **Language** item.
3. Select a language you want to use, then press OK key to confirm.

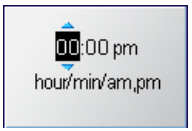
Date and Time

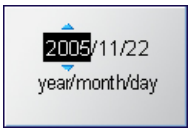
1. Select the **Setting** item in Main Menu.
2. Select the **Date/Time** item.
3. To adjust how you want the time to be displayed, select the Time Format item, and then select 12 hour or 24 hour format.
4. Select **Set Time** or **Set date** to change the time or date settings.
5. The current set time or date is displayed.
6. Set time or date, then press OK key to confirm.

Note: the date will be applied to the file name of FM/ Line-In/ Mic recording.







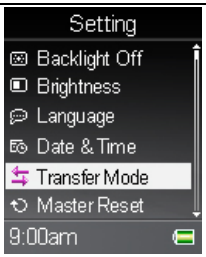


Transfer Mode

1. Select the **Setting** item in Main Menu.
2. Select the **Transfer Mode** item.
3. Select MTP/ MSC item.

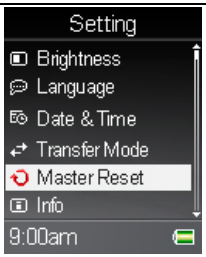
Note: MTP: Media Transfer Protocol mode; supported by Windows Media Player 10. Use MTP mode to synchronize music files by Windows Media Player 10 can shorten the time to load music tracks.

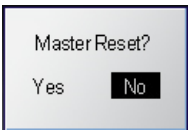
Note: MSD: Mass Storage Device mode. In MSD mode, the player is recognized as a portable hard drive. You can transfer files between the player and your computer using Windows Explorer.



Master Reset

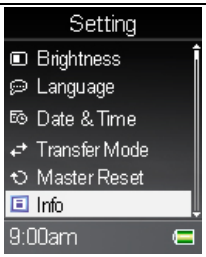
1. Select the **Setting** item in Main Menu.
2. Select the **Master Reset** item.
3. Select the **Yes** item, then press OK key to confirm.

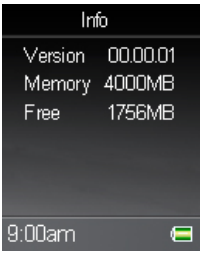




Info

1. Select the **Setting** item in Main Menu.
2. Select the **Info** item.
3. You can read device information on the screen.

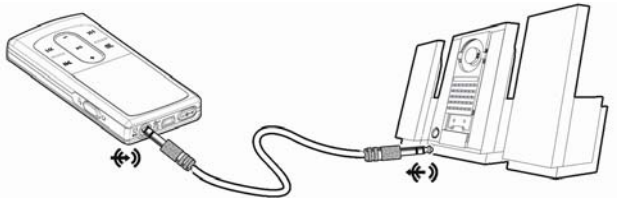




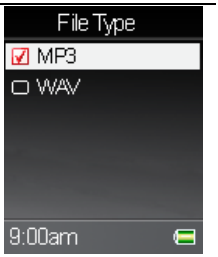
Record

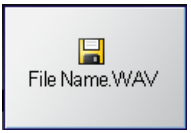
Line-In Recording

P620/ P640 has a build-in encoder. With this encoder, you can record external audio via Line-In Jack. First of all, plug one end of Line-In cable to the Audio-out jack of a Walkman, Computer, Radio, TV, or other Audio Equipments, and plug the other end to the Line-In jack of **P620/ P640**.



1. Select to encode audio to MP3 or WAV format by **Setting -> Record -> File Type**.
2. Press **A-B[•]** button to start recording and play music from the audio source.
3. On the display, a recording file should be generated and placed under [**\RECORD**] folder of. File name sequence starts from LineIn-yearmonthday-001, ex: LineIn-20060514-001, and so forth. (File extension depends on the format you selected.)
4. Press **A-B[•]** button again to stop recording**,** there will be a message telling you the file name and you will see the file list in the RECORD folder.

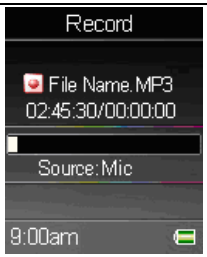


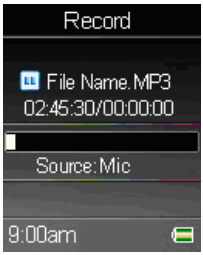


Microphone Recording

P620/ P640 has a built in Microphone, which can also works as a synchronizing recorder. In other words, you can use it to record your voice in either an interview or a speech. To proceed Microphone Recording, follow the steps below.

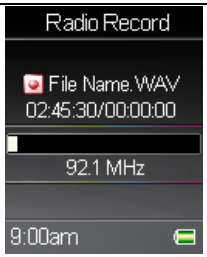
1. Press **A-B[•]** button to start recording.
2. On the display, a recording file should be generated and placed under [**\RECORD**] folder. File named from Voice-yearmonthday-001, ex: Voice-20060514-001, and so forth. (File extension depends on the format you selected.)
3. Press **A-B[•]** button again to stop recording**.** It will be encoded to a MP3 format file and save in the RECORD folder in the **P620/ P640** automatically, and you will see the status jump to the file list in the RECORD folder.

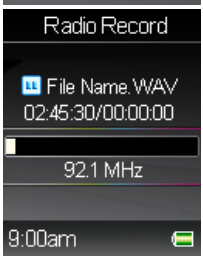




Radio Broadcast Recording (Optional)

1. Select a radio broadcast channel that you want to record.
2. Press **A-B[•]** button to start recording.
3. On the Display, a recording file should be generated and placed under the folder of [**\RECORD**]. The file name sequence starts from Radio-yearmonthday-001, ex: Radio-20060514-001, and so forth. (File extension depends on the format you selected.)
4. Press **A-B[•]** button again to stop recording, and you will see the status return to the previous status.

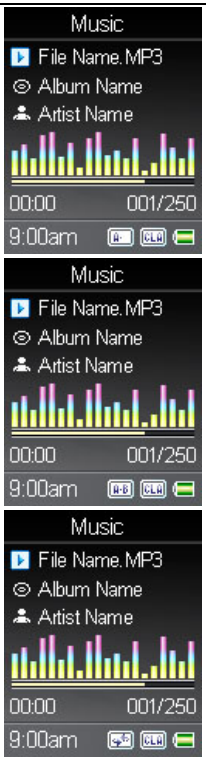




Language Learning Function

P620/ P640 enables users to listen to a particular section repeatedly during music or voice playback. With this function, users will be able to pay attention to the repeated section and to achieve the result of language learning.

1. Press **A-B[•]** button to set the starting point when playback. The **A-** icon will appear on the middle bottom of the screen.
2. Press **A-B[•]** button again to set the terminal point. The **A-B** icon will appear on the screen. You will hear the repeating playback that you had set previously over and over again.
3. Press **A-B[•]** button again back to the normal playback. Meanwhile the **A-B** icon will disappear on the screen.

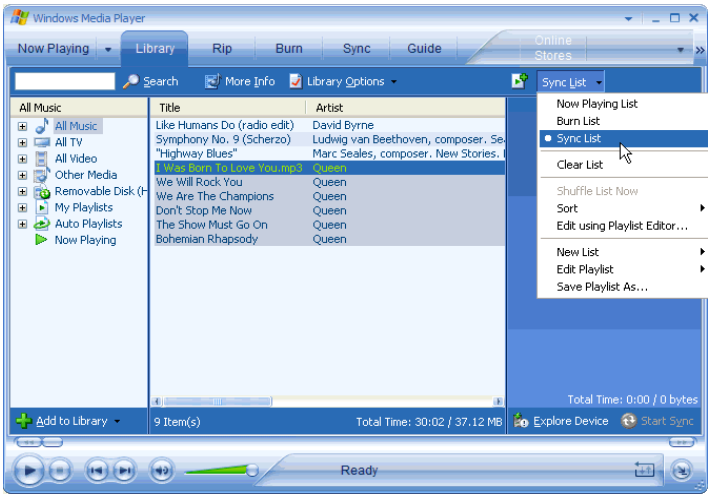


Synchronize Songs

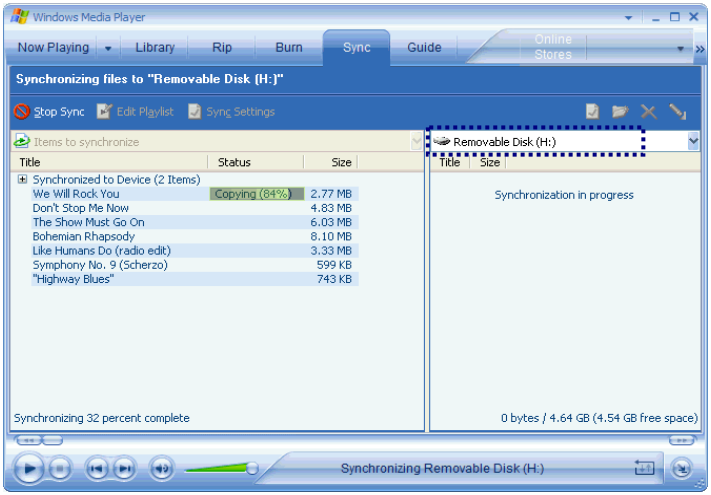
Once the Windows Media Player Plug-in of **P620/ P640** has been installed (from the supplied CD), refer to steps below to synchronize:

Note: If the version of Windows Media Player on your computer is below 10, upgrade it via Internet beforehand.

1. Execute **Windows Media Player 10** to manage your music files and edit playlist. If the music files have no information, you can also edit them to allow the player can sort files via information before playback.
2. Set **P620/ P640 Transfer Mode** to be “MTP” mode in Setting. Then connect **P620/ P640** to your computer.
3. In the **Library** feature, click **Sync List** in **Playlist** pane. Select wanted files and drag them to **Sync List** column.



4. Click **Sync** tag and select **Portable Digital Player.**



5. Click the **Start Sync** button in the List pane, and you can see the process.

Appendix A. Specifications

P620/ P640	
Dimension	95 (W) x 45.8 (D) x 12.9 (H) mm
Weight	80g (with built-in battery)
Operating Temperature	0°C ~ 40°C
Storage Temperature	-20°C ~ 60°C
LCD module	1.8” TFT 128x160 pixels module
Line-In/ Voice/ FM Recording	Record format: MP3, WAV
USB Profile	Meets USB specification revision 2.0
I/O Input	1. Stereo Audio-out, 3.5mm 2. Stereo Line-in jack, 3.5mm 3. USB interface.
EMI and Safety	FCC Class B, CE, CB, CCC & BSMI
Interface Language	Supports up to more than 10 languages which may vary from country to country.

NOTE: The firmware of P620/ 640 can be updated or updated by advanced users. To know details of the procedures to recover or update firmware, please visit http://www.msi.com.tw